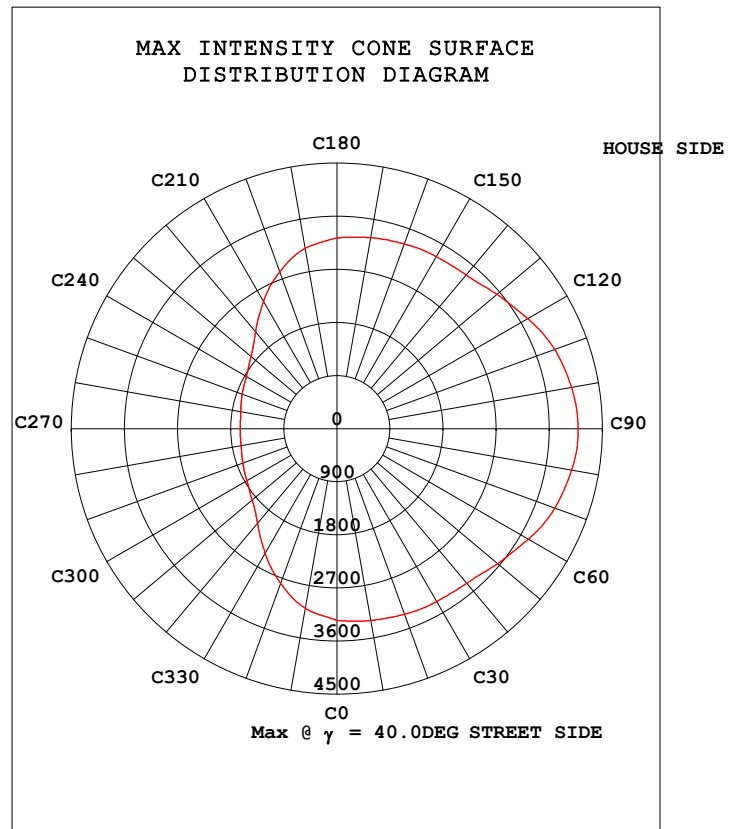
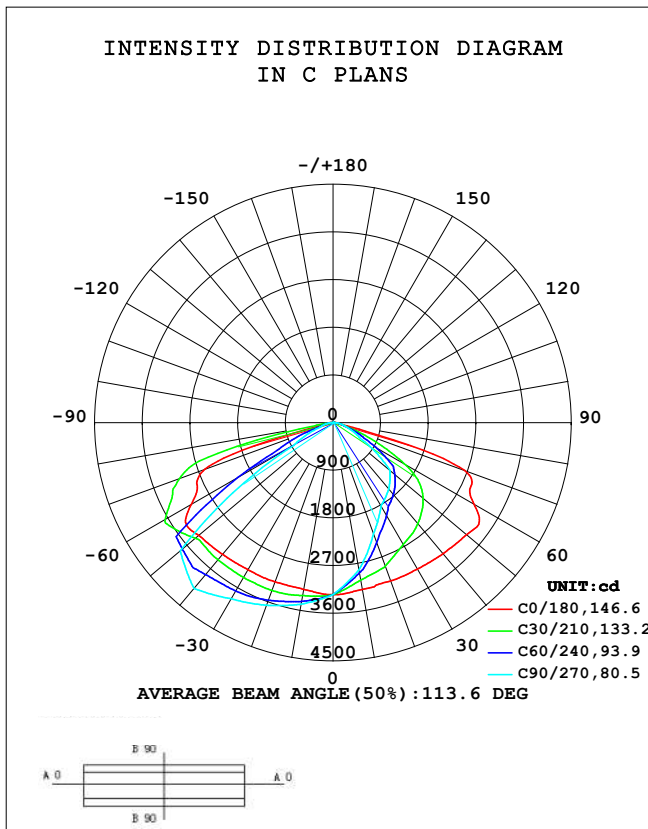


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.8V I:0.3457A P:75.43W PF:0.9882 Lamp Flux:11139.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.68 lm/W			
MODEL	LED	Imax(cd)	4087	η street_up(%)	0.0
NOMINAL POWER(W)	75	LOR(%)	100.0	η street_down(%)	51.0
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	11140	η house_up(%)	0.0
NOMINAL FLUX(lm)	11139.8	MAXIMUM @ (C, γ)	90,40.0	η house_down(%)	49.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	17.999



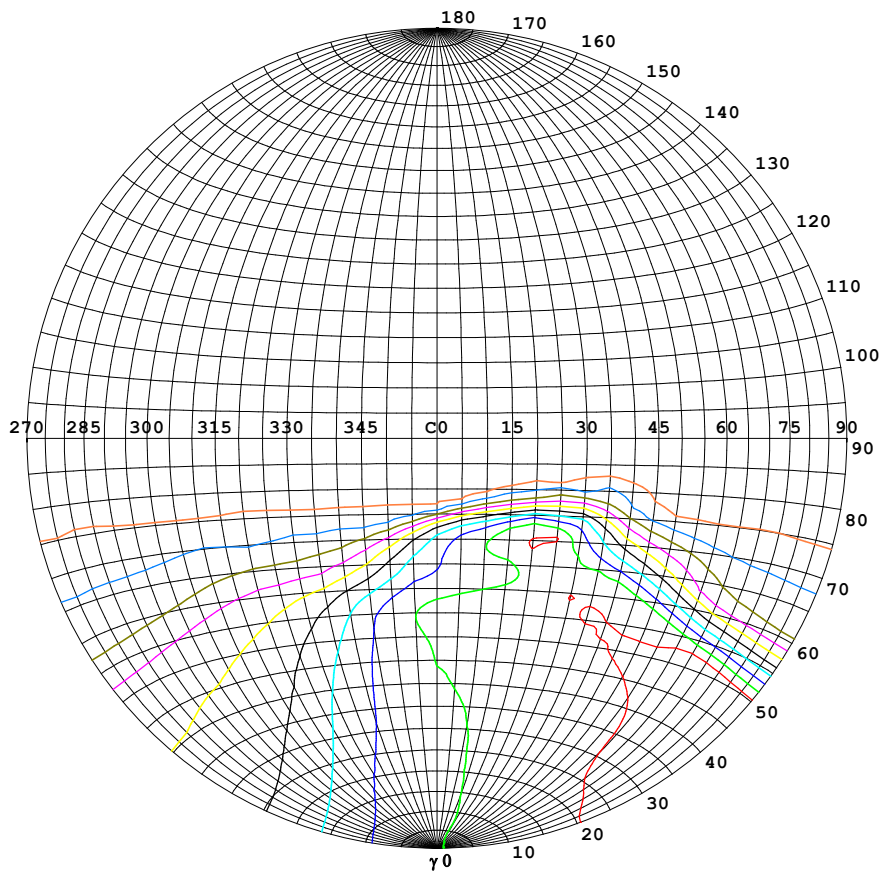
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.8V I:0.3457A P:75.43W PF:0.9882 Lamp Flux:11139.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



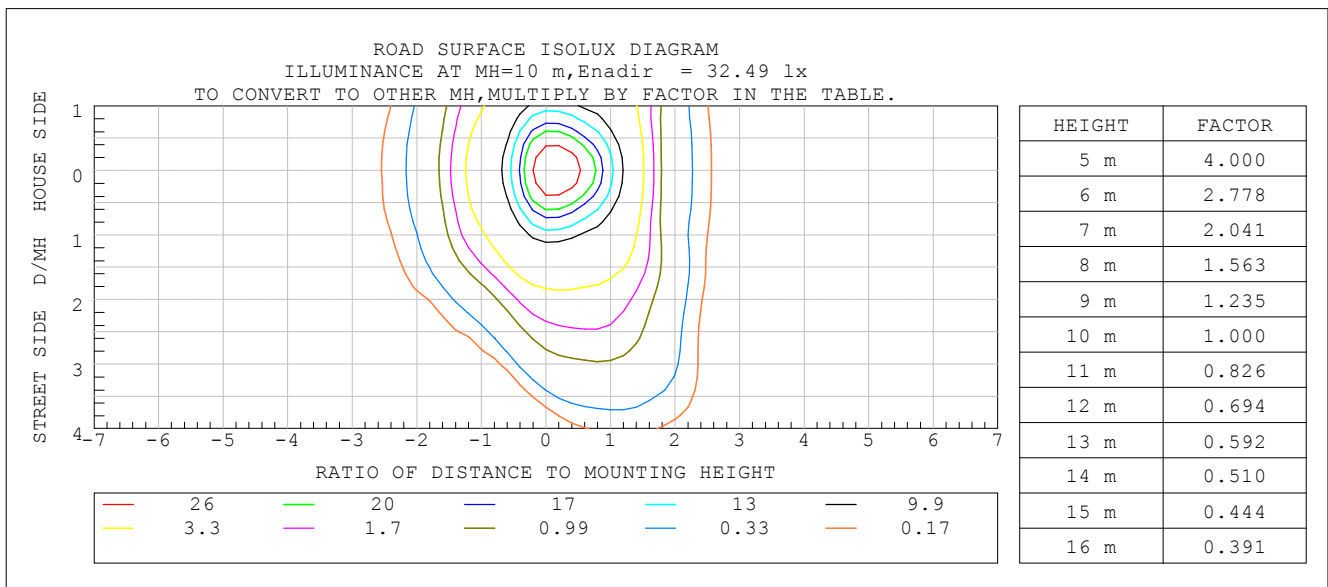
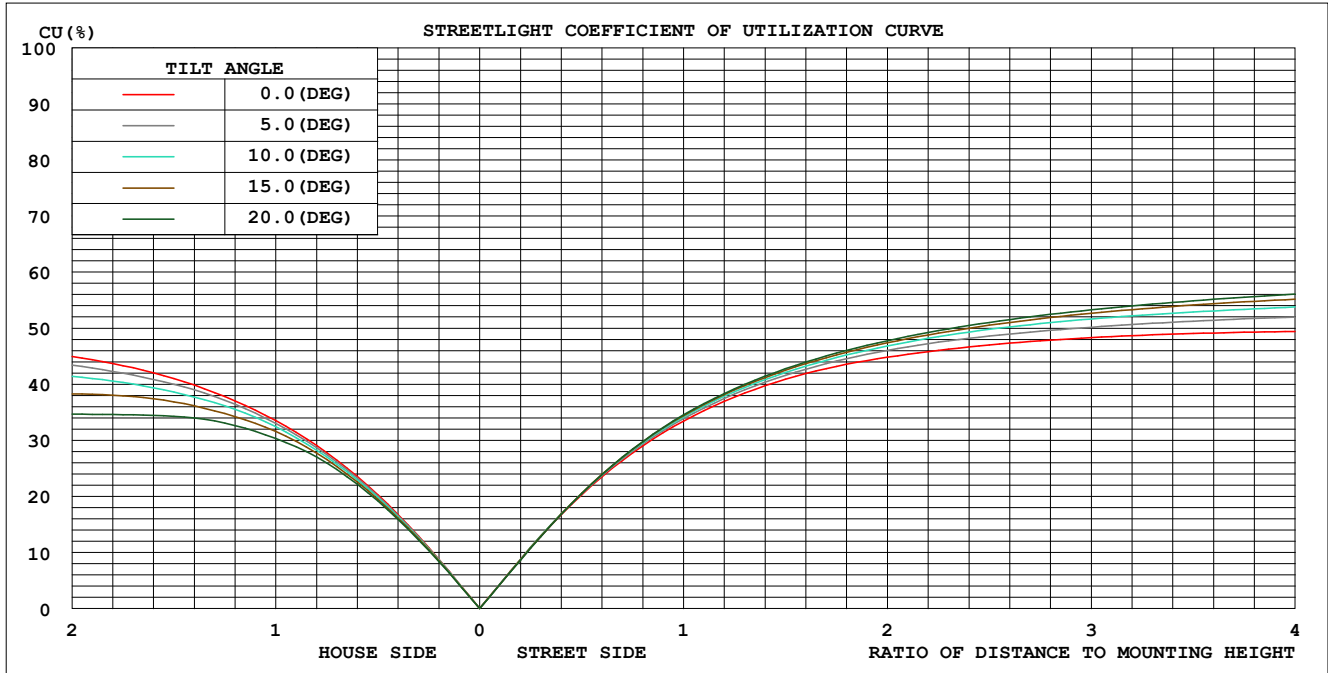
Classification:

IES:Type IV - Very Short
CIE:Broad - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:52.80cd/klm
Max.At90:3.692cd/klm
Max.80-90:52.80cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	4087
90%	3678
80%	3270
70%	2861
60%	2452
50%	2044
40%	1635
30%	1226
20%	817
10%	409
5%	204

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-25

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.8V I:0.3457A P:75.43W PF:0.9882 Lamp Flux:11139.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

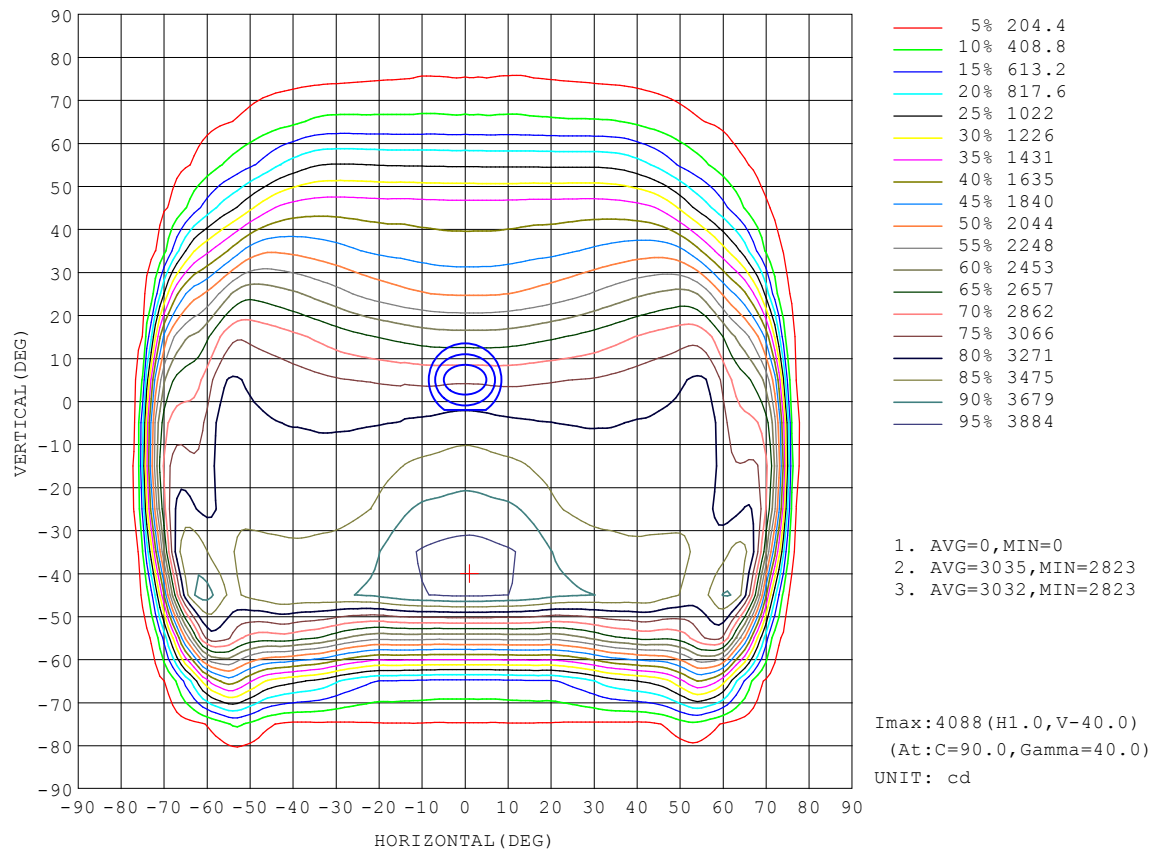
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	*lum,lamp
5	3229	3320	3364	3319	3228	3093	3036	3093	0- 5	77.08	77.08	0.69,0.69
10	3197	3373	3480	3371	3198	2944	2823	2942	5- 10	227.7	304.8	2.74,2.74
15	3190	3434	3575	3431	3173	2813	2529	2802	10- 15	372.4	677.2	6.08,6.08
20	3199	3473	3670	3471	3181	2626	2234	2609	15- 20	508.2	1185	10.6,10.6
25	3208	3485	3756	3484	3187	2445	2025	2418	20- 25	635.0	1820	16.3,16.3
30	3208	3483	3841	3478	3193	2293	1816	2263	25- 30	753.4	2574	23.1,23.1
35	3224	3468	3964	3458	3208	2148	1729	2116	30- 35	864.5	3438	30.9,30.9
40	3249	3473	4087	3457	3232	2003	1641	1965	35- 40	971.8	4410	39.6,39.6
45	3277	3586	3926	3571	3257	1896	1523	1861	40- 45	1068	5478	49.2,49.2
50	3315	3719	3766	3714	3293	1739	1404	1717	45- 50	1143	6622	59.4,59.4
55	3379	3653	2312	3648	3357	1543	999.1	1521	50- 55	1167	7789	69.9,69.9
60	3093	3444	857.7	3449	3072	1263	594.3	1245	55- 60	1056	8845	79.4,79.4
65	2829	2414	565.2	2478	2871	783.8	449.6	778.1	60- 65	857.6	9703	87.1,87.1
70	2573	1410	272.7	1482	2646	411.3	304.9	410.0	65- 70	701.4	10404	93.4,93.4
75	796.4	376.6	192.2	406.6	620.4	221.0	211.9	227.0	70- 75	483.3	10887	97.7,97.7
80	143.2	168.6	111.8	183.2	107.0	132.9	118.8	135.5	75- 80	189.8	11077	99.4,99.4
85	72.70	38.69	0	40.41	43.49	36.20	0	36.04	80- 85	55.08	11132	99.9,99.9
90	41.13	0	0	0	36.08	0	0	0	85- 90	7.455	11140	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-25

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

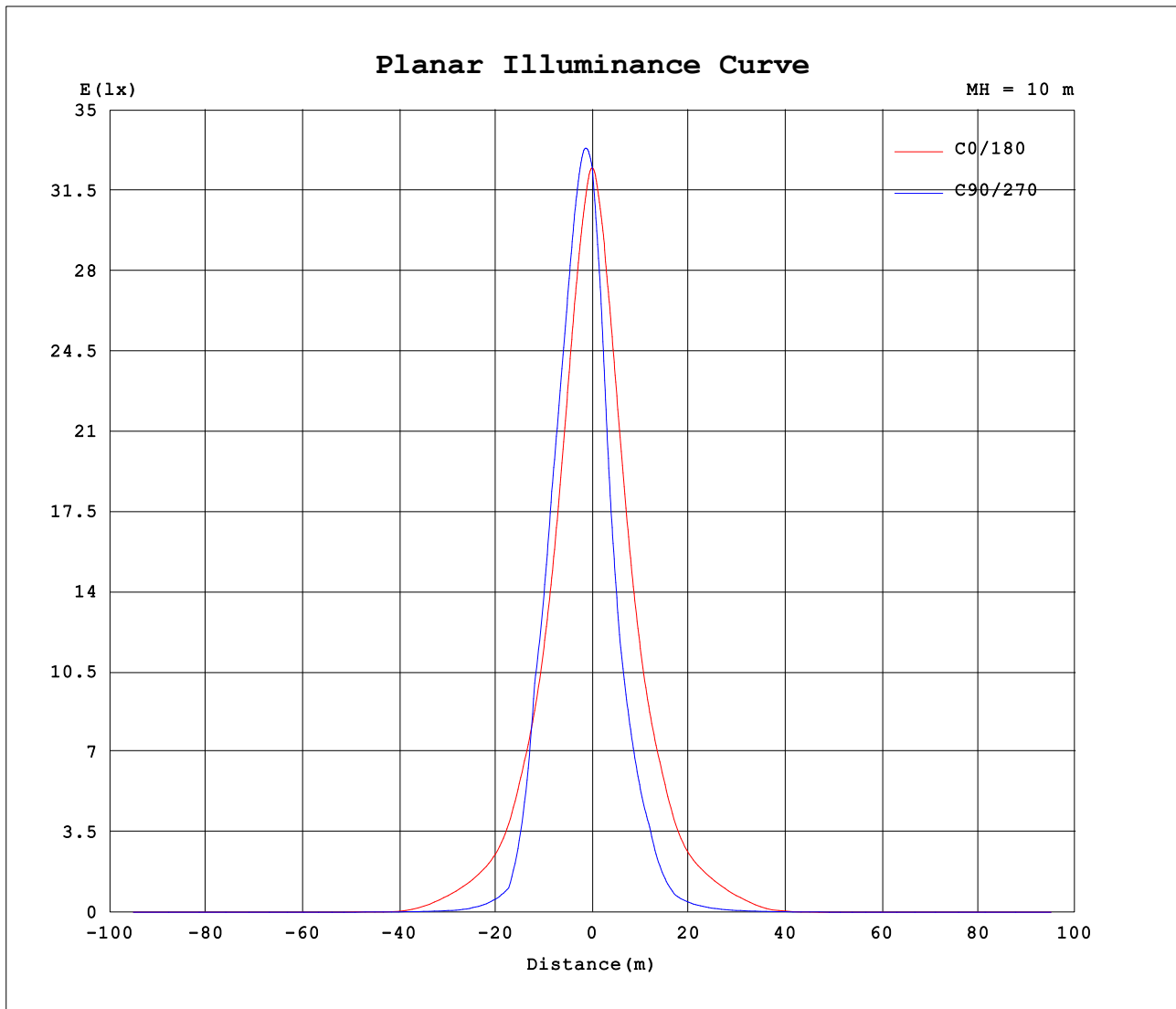
Test:U:220.8V I:0.3457A P:75.43W PF:0.9882 Lamp Flux:11139.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-25

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

Planar Illuminance Curve



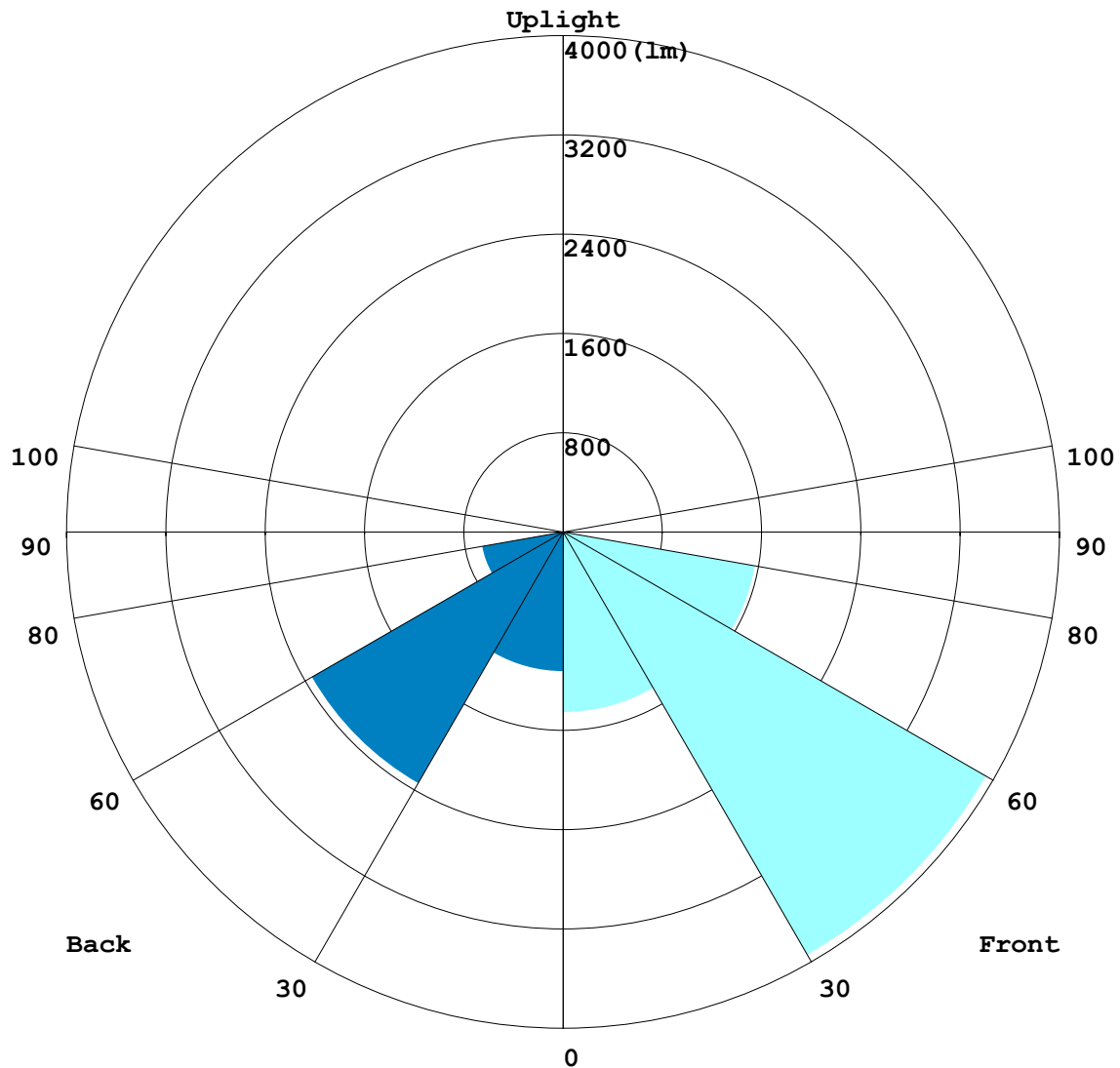
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

LCS REPORT

Test:U:220.8V I:0.3457A P:75.43W PF:0.9882 Lamp Flux:11139.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

BUG REPORT

Test:U:220.8V I:0.3457A P:75.43W PF:0.9882 Lamp Flux:11139.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1452.5	13.0
FM - Front-Medium(30-60)	3935.1	35.3
FH - Front-High(60-80)	1569.6	14.1
FVH - Front-Very High(80-90)	37.274	0.3
Total Forward Light	6994.5	62.8

BL - Back-Low(0-30)	1121.1	10.1
BM - Back-Medium(30-60)	2336.3	21.0
BH - Back-High(60-80)	662.48	5.9
BVH - Back-Very High(80-90)	25.259	0.2
Total Back Light	4145.2	37.2

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B3-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4145.2	0	4145.2
Street Side	6994.5	0	6994.5

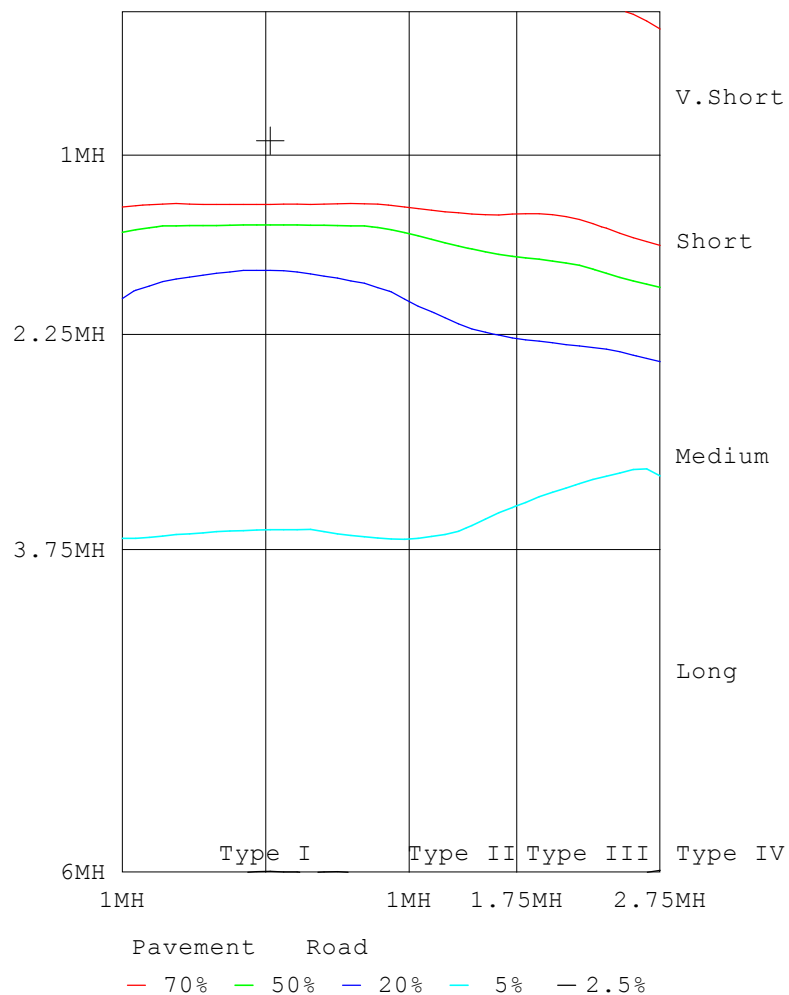
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-25

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.8V I:0.3457A P:75.43W PF:0.9882 Lamp Flux:11139.8x1 lm		
NAME: OPCITYIII-75W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.370m [K=1.0000]
 Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```